

IN THE CLAIMS

Please amend the following claims as indicated:

1. (Currently Amended) A door lock security system installed on board an airplane, comprising:
 - a plurality of spaced doors defining a restricted area therebetween; and
 - a detector generating an output signal in response to detecting a predetermined event on board the airplane;
 - a controller operative to selectively open the spaced doors to control entry into the restricted area, the controller being operative to automatically switch from an automatic mode, in which the spaced doors open alternately to prevent simultaneous entry into the restricted area from opposite directions, to an emergency mode, in which the controller generates a control signal in response to the output signal from the detector to establish an audio and/or video communication between the airplane and an on-ground facility.
2. (Cancelled)
3. (Currently Amended) The door lock system of claim 2 1, further comprising a sensor located in the vicinity of an outer surface of one of the plurality of doors and operative to generate an enabling signal in response to a request to enter the restricted area.
4. (Original) The door lock system of claim 3, wherein the sensor is an electronic keypad coupled to the controller and operative to generate the output signal in response to an alphanumeric combination inputted by the requestor.
5. (Original) The door lock system of claim 4, further comprising a database for storing alphanumeric combinations of authorized personnel, the controller being in communication with the database and having software for comparing the inputted combination and the stored combinations to generate an enabling signal in response to coincidence of the input and one of the stored combinations.

6. (Currently Amended) The door lock system of claim 3, wherein the sensor is a biometric sensor operative to generate an input signal corresponding to a physiological characteristic of a requestor selected from voice, facial features, fingerprints and a combination of these, the system further comprising a database for storing respective physiological characteristics of authorized personnel and software executed ~~by~~ on the controller for querying the database to compare the input and stored characteristics and to generate the enabling signal upon positive identification of the requestor.

7. (Original) The door lock system of claim 5, further comprising a plurality of door actuators each operatively connected with and opening a respective door for a controlled period of time in response to receiving the enabling signal.

8. (Original) The door lock system of claim 7, wherein the actuators are selected from the group consisting of pneumatic, hydraulic, electrical and a combination of these.

9. (Cancelled)

10. (Currently Amended) The door lock system of claim ~~9~~ 1, further comprising a transducer coupled to the controller and operative to generate an emergency signal through a communication link in response to a the control signal generated by the controller, ~~or in response to the control signal originated in a pilot's cabin of the airplane,~~ the doors including an outer door separating a passenger space from a front galley module and an inner door between the front galley module and the pilot's cabin.

11. (Currently Amended) The door lock system of claim 10, ~~further comprising an wherein the~~ audio/visual ~~system including~~ communication includes a video camera surveying the restricted area between the inner and outer doors and a monitor located in the pilot's cabin and in communication with the video camera.

12. (Original) The door lock system of claim 11, wherein the video camera and the monitor are switched to an on-state simultaneously with the opening of the outer door and operating for a controlled period of time.

13. (Original) The door lock system of claim 12, wherein visual and sound signals indicative of the on-state of the monitor are generated in response to the opening of the outer door.

14. (Original) The door lock system of claim 11, wherein the video camera and the monitor are in an on-state in response to an input signal generated by a requestor located in the pilot cabin to provide visual surveillance of the restricted area.

15. (Currently Amended) The door lock system of claim 1, wherein the controller is operative to function in a manual mode, wherein the plurality of doors are opened simultaneously in response to a request signal originated by ~~an~~ the on-ground facility or in a pilot's cabin of the airplane.

16. (Original) The door lock system of claim 1, wherein at least one of the doors is slidable and is provided with a pivoting corner to conform a contour of the slidable door with that of fuselage of the airplane.

17. (Currently Amended) A door lock computerized system installed on board of an airplane, comprising:

spaced doors defining therebetween a restricted area, and
a computerized system and operative to function in
an automatic mode, in which ~~to alternately unlock the~~ spaced doors
alternately lock and unlock to minimize unauthorized entry into the restricted area
defining therebetween a restricted area,
a manual mode, in which the spaced doors operate simultaneously, and

an emergency mode, in which the controller is operative to establish audio and video communication between the restricted area and an on-ground facility in response to automatically detecting a predetermined event within the restricted area.

18. (Cancelled).

19. (Cancelled).

20. (New) The door lock system of claim 1, wherein the detector generates the output signal upon determining that a time period, during which the spaced doors are open, exceeds a reference value stored in the controller, the door lock system further comprising at least one additional detector.

21. (New) The door lock system of Claim 20, wherein the detector further is operative to detect a heightened level of noise or smell.

22. (New) The door lock system of claim 1, wherein the controller is operative to delay generation of the control signal for a predetermined period of time sufficient to confirm the detected predetermined event on the board.